

FIG.1

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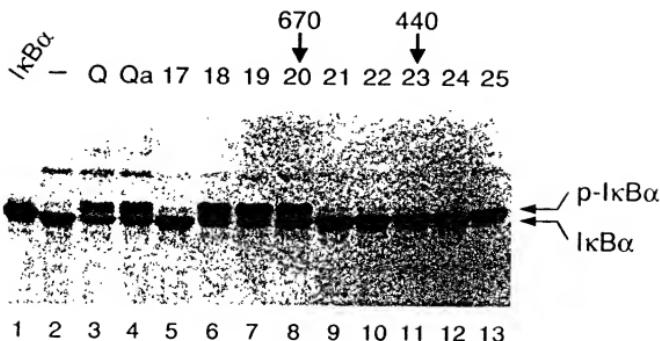


FIG.2A

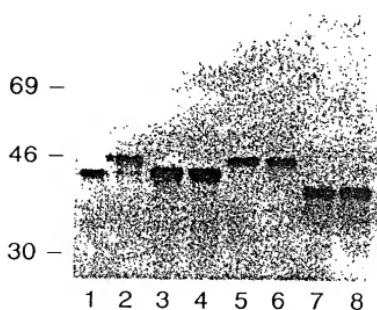
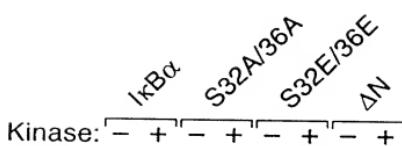


FIG.2C

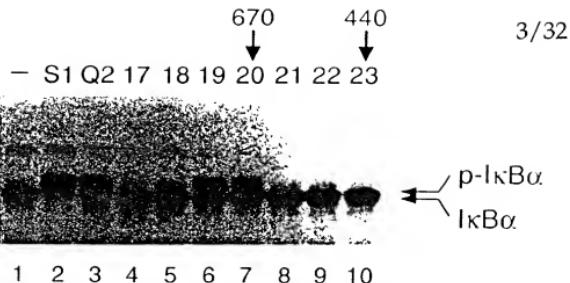


FIG.2B

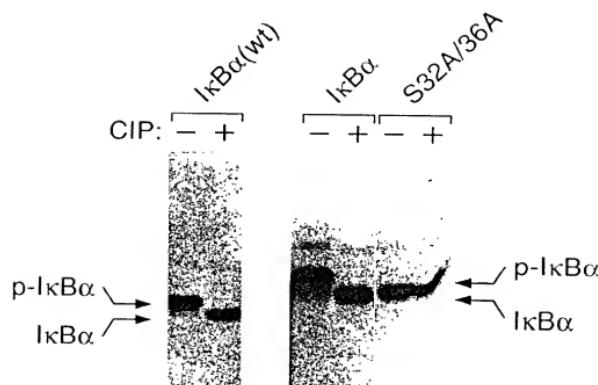


FIG.2D

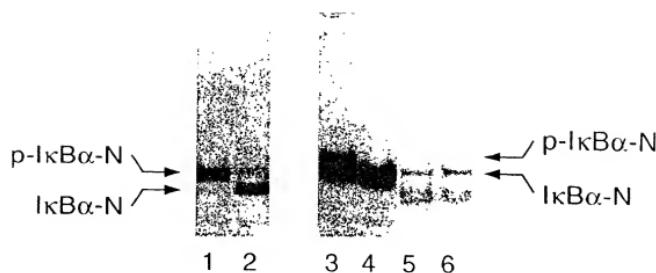


FIG.2E

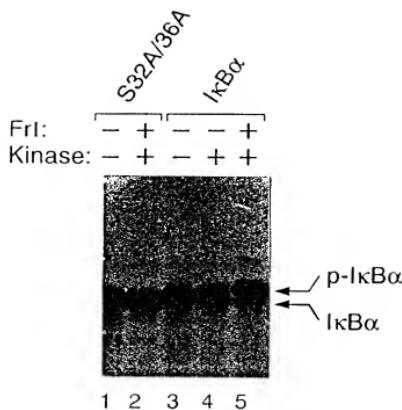


FIG.3A

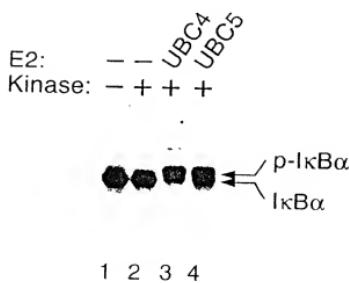


FIG.3B

FIG.3C

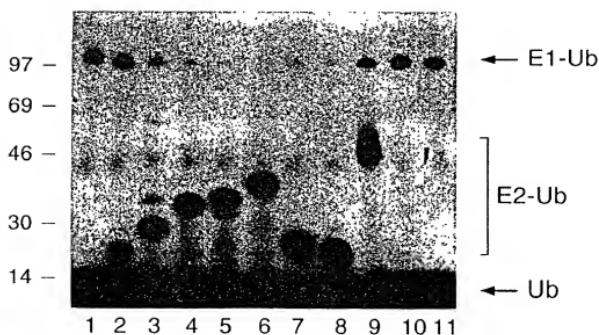
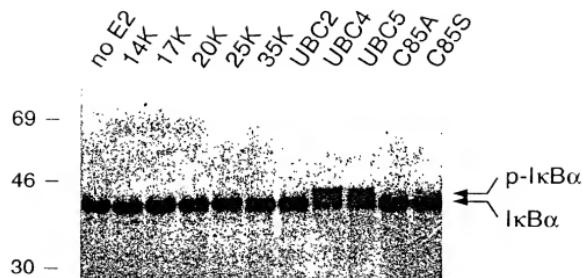
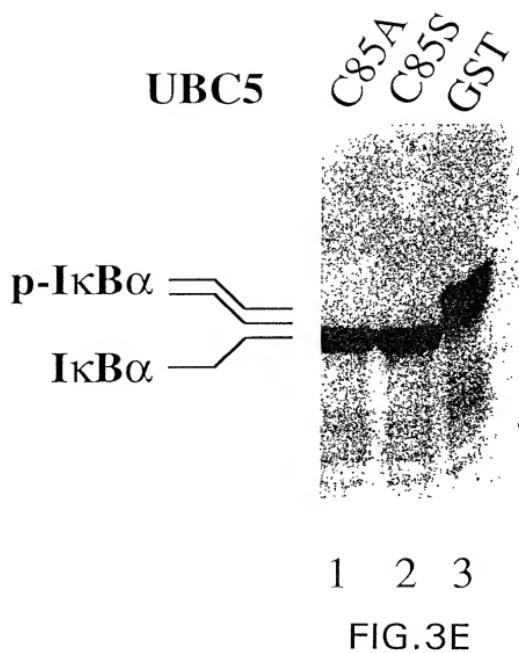


FIG.3D

2023/10/25 20:25:00



1 2 3

FIG.3E

Ub(μ M): 0 0.1 0.3 1 3 10

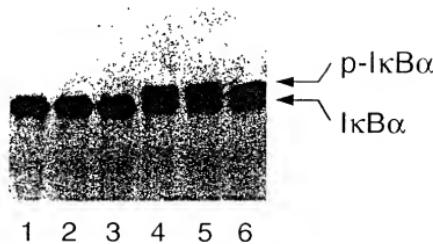


FIG.4A

Order of addition:
Ub(μ M): 0 1.2 2.4 [2.4 60]
MeUb(μ M): 0 0 0 [40 40] [40 40]

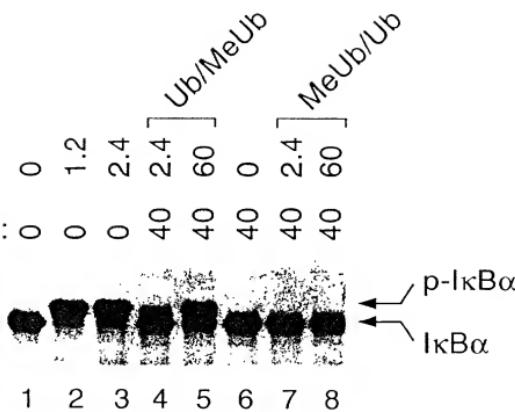


FIG.4B

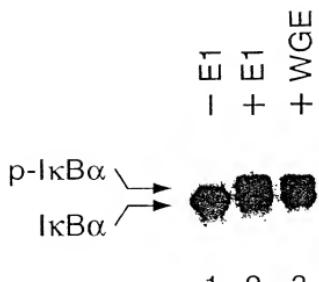


FIG.5A

Kinase:	-	+	+	+
Rel A:	+	+	-	+
OA:	+	+	+	-

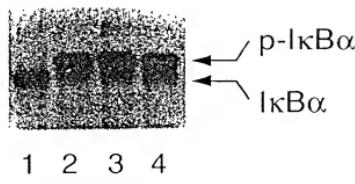


FIG.5B

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Preincubation: no preinc. - Ub + Ub
Time (min.): 0 3 6 10 20 3 6 10 20 3 6 10 20

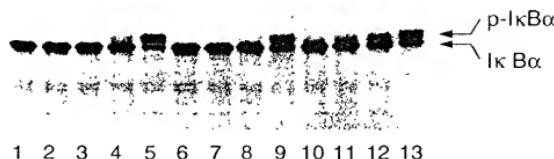


FIG.6A

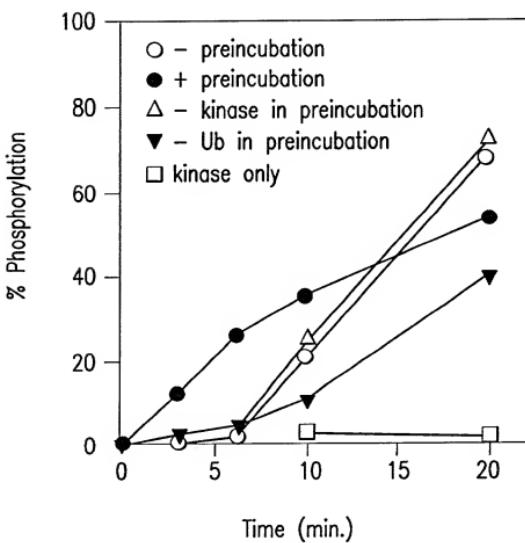


FIG. 6B

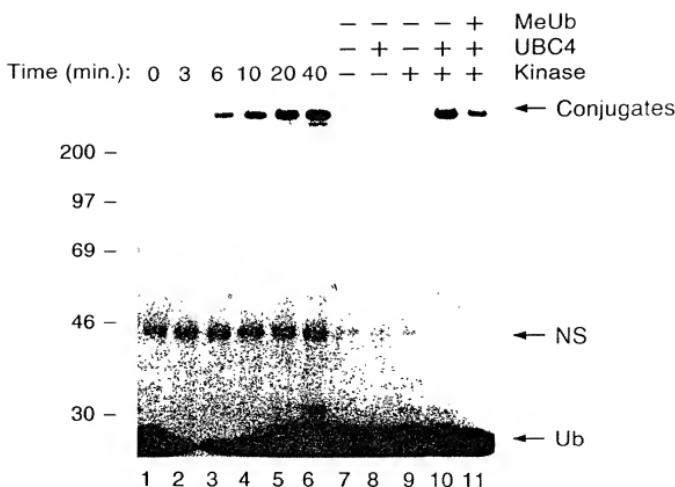


FIG.7A

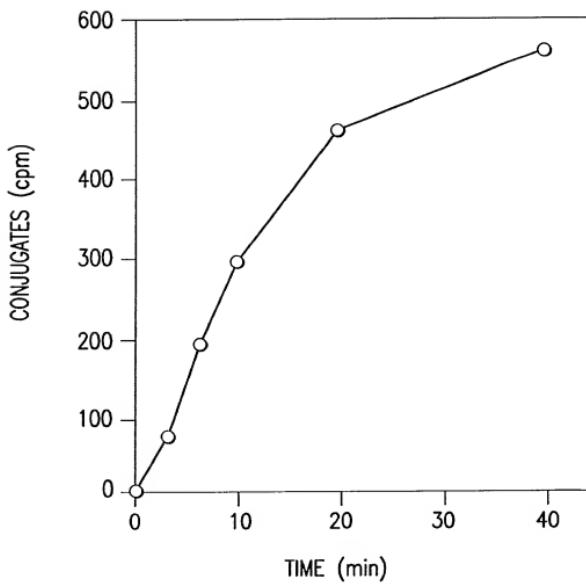


FIG. 7B

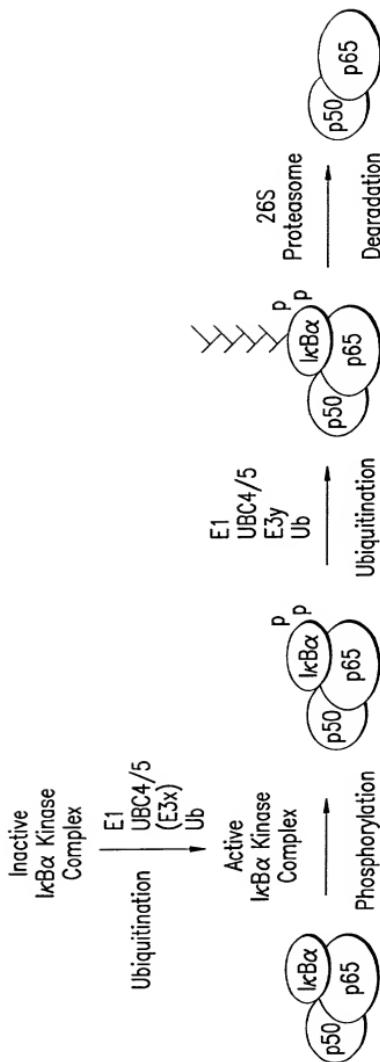


FIG. 8

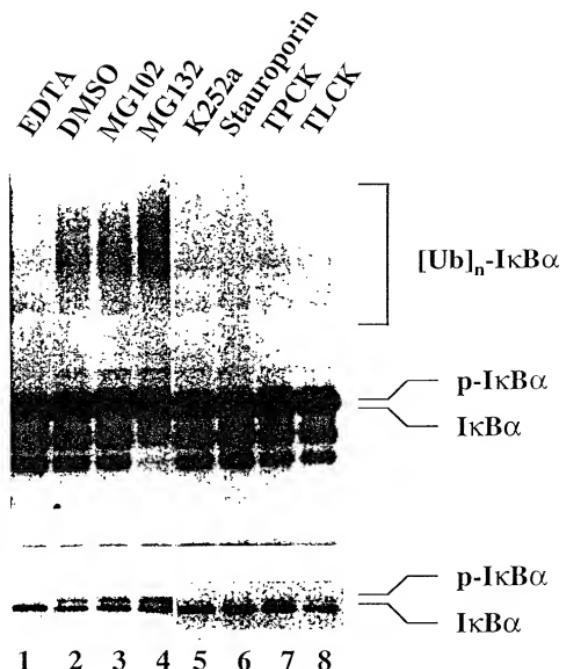


FIG.9

FIG.10A

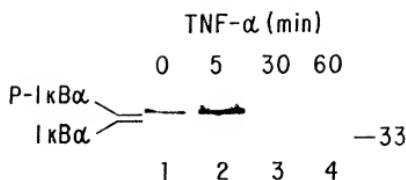
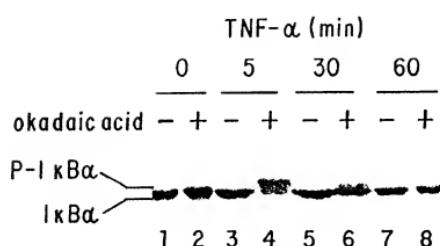
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FIG.10B

FIG.10C

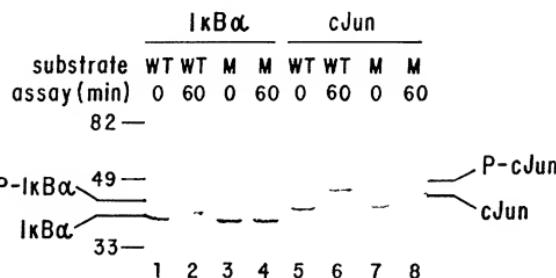
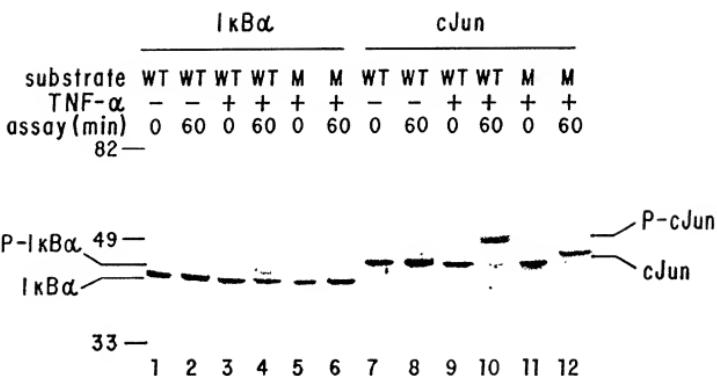


FIG.10D

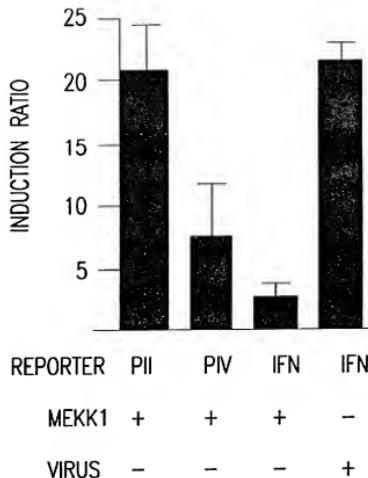


FIG. 11A

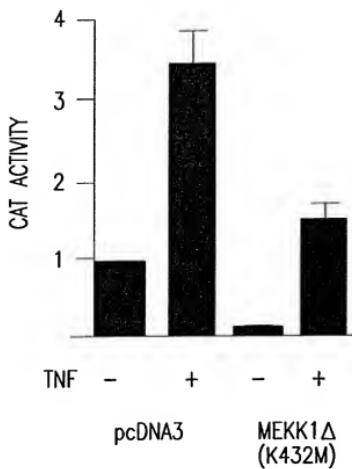


FIG. 11B

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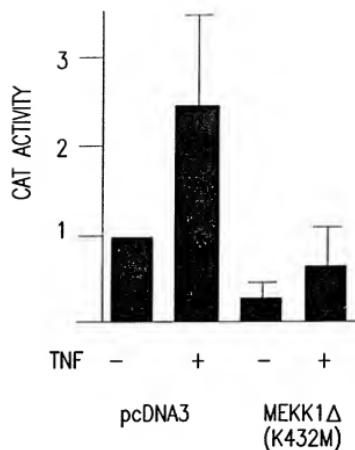


FIG. 11C

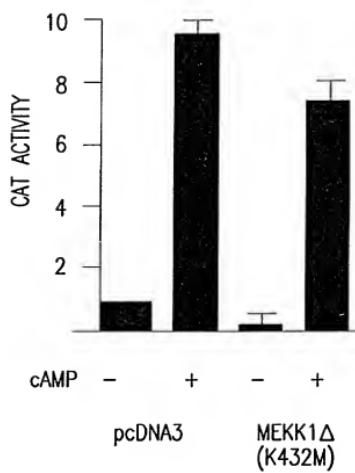


FIG. 11D

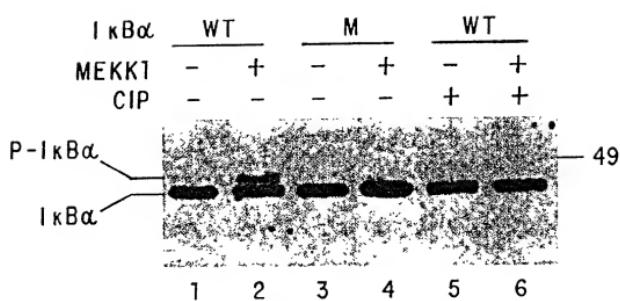


FIG.12

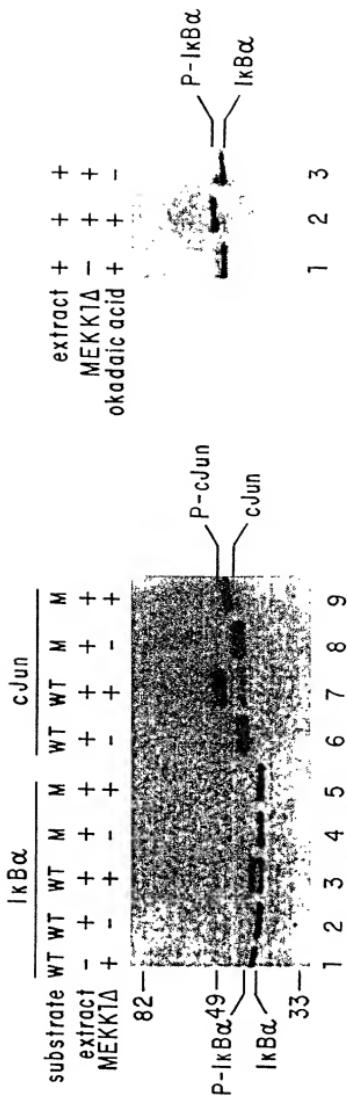


FIG.13A

FIG.13B



FIG. 13C

FIG. 13D

FIG. 14A



FIG. 14C



FIG. 14D



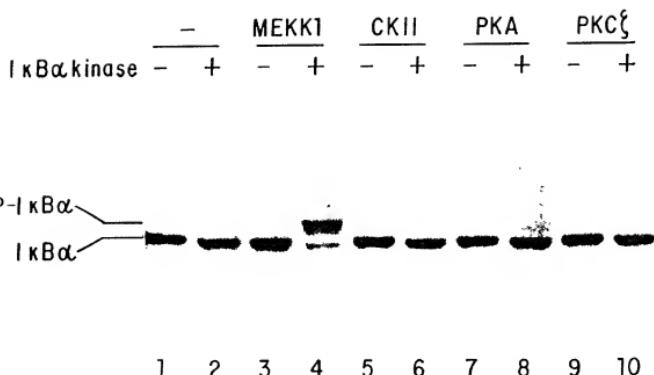


FIG.15A

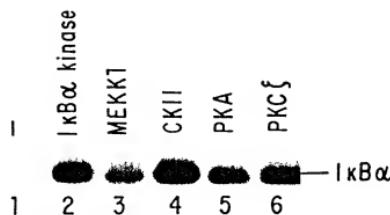


FIG.15B

	CIP	-	-	+	+
	MEKK1 Δ	+	-	+	-

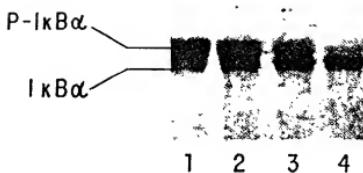


FIG.16A

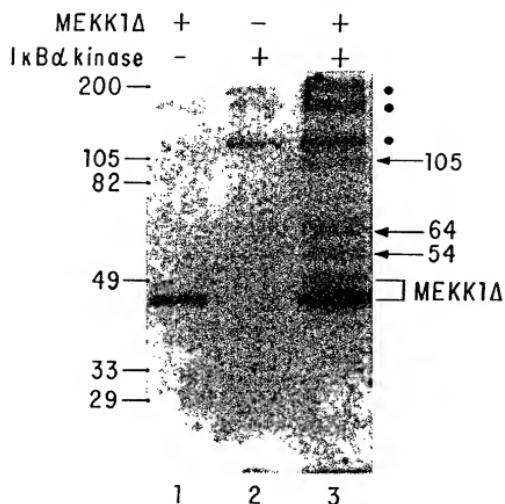


FIG.16B

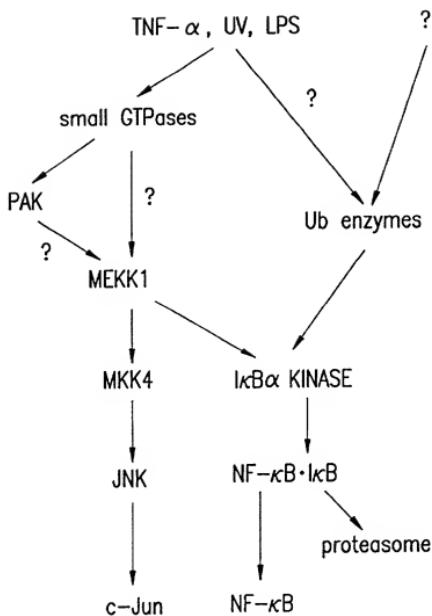


FIG. 17

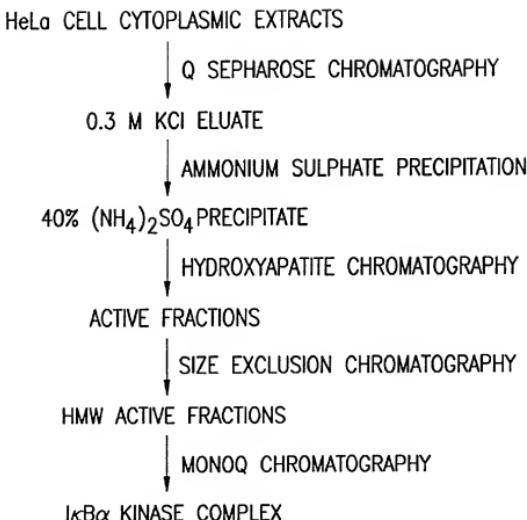


FIG. 18

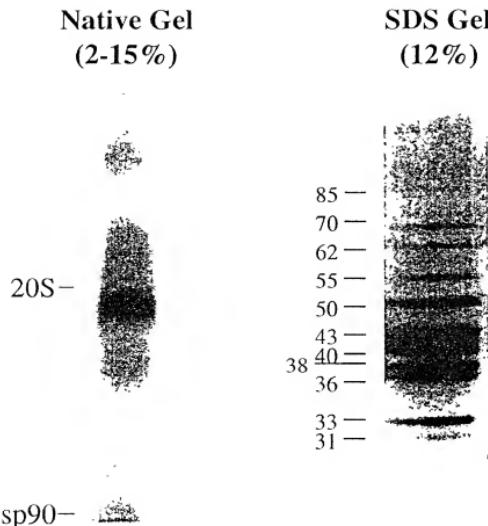


FIG.19A

FIG.19B

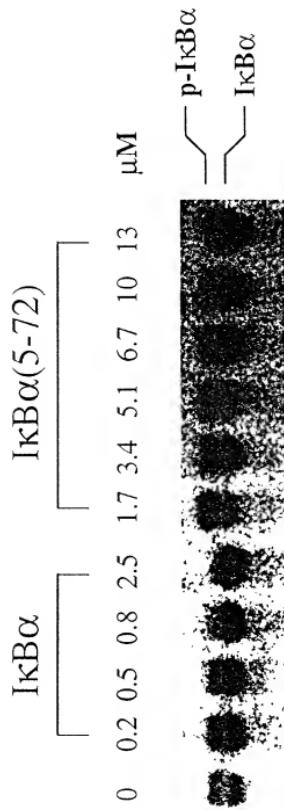


FIG.20

A p50: pep1: [L/I] [Y] [V] [E] [L/I] [E] [R]
B pep2: [L/I] [Q/K] [E] [V] [L/I] [E] [T] [L/I] [L/I] [S]
C pep3: [L/I] [F] [T] [T] [M] [E] [L/I] [M] [R]
D p40: pep4: [T] [Y] [H] [A] [L*] [S] [N] [L*] [P] [K*]

FIG.21

1 ggggtgacgag tggtgtggccga agcaggggga cagcaaggga cgctcaggcg gggaccatgg
61 cggacgcgg ctcggagcgg gctgacgggc gcatacgtaa gatggagggtg gactacagcg
121 ccacgggttga tcagcgccta cccgagtgtg cagaatgtgc caaggaaggaa agacttcaag
181 aagtcatgttga aaccctttc tctctggaaa agcagactcg tactgcttcc gatatggtat
241 cgacatcccc tatcttagtt gcagtagtga agntgtgtca tgaggctaaa gaatgggatt
301 tacttaatta aaaatattat tgcttttgtt caaaaaggcg gagtcaagtt aaaaacaagc
361 tagttgacaa aaaatggatt naacgttgc tgtnacttat tgttt

1 ataccaagag gtaccaggaa gcattgcatt tgggttctca gctgctgcgg gagttgaaaa
61 agatggacga caaagctttt ttgggttgaag tacagctttt agaaaagcaaa acataccatg
121 ccctgagcaa cctggccaaa gcccgagctg ccttaacttc ttctcgaaacc acagcaaatg
181 ccatctactg ccccttaaat tgccaggccac ctggacatg cagtcgggtt ttatccatgc
241 agcagaagag aaggcttgaa actcgactc atacttctat gaggcatttta gggtatgact
301 catcgacagc ccaaggcatc aca

FIG.22

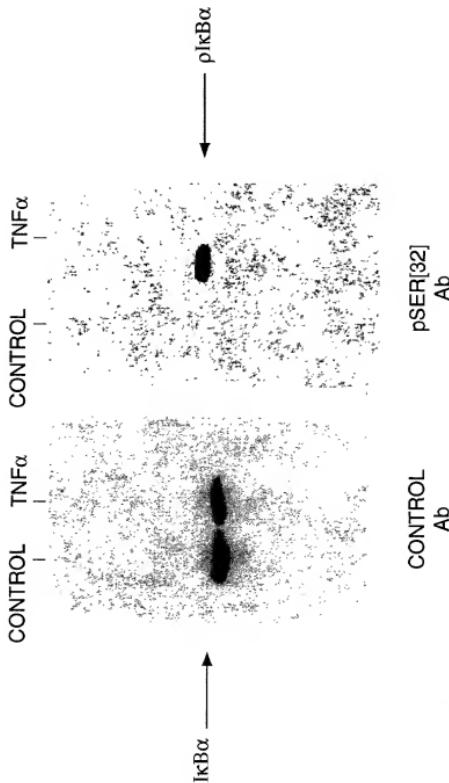


FIG. 23

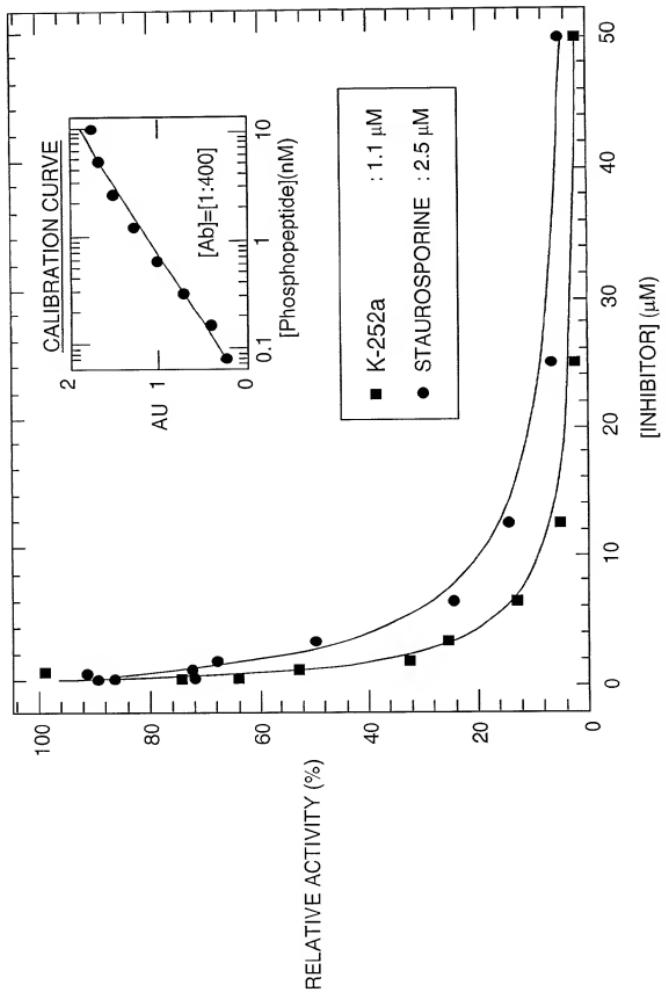


FIG. 24